SBR No : 000044/22-23
Date 23/11/2022

Original/Duplicate/Triplicate

394 RA bill

CONTRACT CERTIFICATE
(For Other Works)

BR No : 000044/22-23
Date 23/11/2022

Division **Electrical (Dasarahalli)** **JOB NO :012-22-000005** Sub-Division **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No Dated Book Voucher No Dated

Schedule Docket Name of Work - Annual Maintenance of street lights package D-2 in Shettihalli Surrounding Area ward no 12

Bill Period:01.09.2022 to 31.10.2022 (2 Months)

Name of Contractor and Full Address - M/s CHIKKANNA G (CHETHAN ELECTRICALS)

Reference to Agreement No - EE/Ele/DZ/TEND/AG/000010/21-22 Date 31 03 2022

Reference to Work order No - EE/Ele/DZ/TEND/WO/000002/22--23 Date 04 04 2022

Certified that the measurements were taken by me on 2/11/2022 and recorded of Pages 340/790 181 of measurement Book No. 3402/179 And that the work is satisfactorily executed

for CHETHAN ELECTRICALS

Contractor
PROPRIETOR

Officer-in-charge of work
JUNIOR ENGINEER (Ele)
Brunath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 03/11/2022 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

ASST EXECUTIVE ENGINEER (Ele)
Brunath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

		Amount
1) Total value of work done or supplies made as per account within	upto bill	1546122=00
2) Deduct amount to be held in reserve being percent Rs.	Previous bill	1104373.15
3) " Balance	Present bill	441749=00
4) Deduct Payment	ITC(1)	4417=00
a) Amount of previous payment as in the Office Cash Book Voucher No Dated S D No	CesT(1)	4417=00
adjusted towards cash advance recovery of	SesT(1)	4417=00
	LWC(1)	4417=00
b) Payments Now made { cost store or other material supplied; recovery of amount creditable to this/other work; Amount paid on this bill Cheque / Cash	CBF(0.1)	442=00
	Fine	3800=00
5) Balance being unpaid value of work done held in reserve	Scrap	8835=00
6) Deduct cash advance made on the Office cash Book Voucher No dated less adjustments	un deduction	30745=00
7) Net amount due to or from Contractor adjustments items	Value of cheque	411004=00
8) Advance to Contractor for materials brought to site (as detailed) within Government materials supplied	Total amount adjusted	

For CHETHAN ELECTRICALS
PROPRIETOR
Contractor's Signature

Received Rs. (In words)
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness For CHETHAN ELECTRICALS
1.
2.
Dated Signature of Contractor PROPRIETOR
Paid by me by Cheque No Dated
Cash Rs
Dated
Initials of Officer making payment

Stamp

Amount and ... for Rs. 441749/-
Passed by Cheque for Rs. 411004/-
Four Lakh Eleven-thousand Four Rs only
(For use in the Office)
by adjustment Rs. 30745/-

Accounts Superintendent
Exe. Engineer (Ele)
B.B.M.P. Dasarahalli Division

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Sl No.	Description of Item	Unit
	Name of work:- Annual Maintanance of street lights package D-2 in Shettyhalli Surrounding Area ward no 12	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system	Each
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system	Each
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Each

Previous Measurement		Present Measurement				Total Upto Date		Remarks
Qty	Cost	Qty		Rate Rs. P	Amount	Qty	Cost	
				2 Months		Upto Date paid so for X 7months		
353X5Months	100316.80	353	685.45/12 =57.12	57.12	40326.72	320X7Months	141143.52	
68X5Months	21426.80	68	756.29/12 =63.02	63.02	8570.72	22X7Months	29997.52	
1884X5Months	800229.00	1884	1019.4/12 =84.95	84.95	320091.60	1760X7Months	1120320.60	
132X5Months	61492.20	132	1118.08/12=93.17	93.17	24596.88	80X7Months	86089.08	
5X5Months	1833.25	5	880.01/12 =73.33	73.33	733.30	4X7Months	2566.55	
182X5Months	87005.10	182	1147.43/12=95.61	95.61	34802.04	350X7Months	121807.14	
55X5Months	31570.00	55	1377.66/12=114.80	114.80	12628.00	90X7Months	44198.00	
0	0	0	0.00	0.00	0.00	0	0.00	

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9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards, and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank, furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system	Each	0	0	0	0.00	0.00	0.00	0	0.00	
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Ltd. shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm	Each	0	0	0	0.00	0.00	0.00	0	0.00	
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc, complete with AC-3 Rating and as per IS 13947 100 to 125Amps	Each	0	0	0	0.00	0.00	0.00	0	0.00	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 50-63 Amps SP	Each	0	0	0	0.00	0.00	0.00	0	0.00	
13	Supplying and fixing Microprocessor Based Astronomical time Switch with using necessary bolts, nuts and washers	Each	0	0	0	0.00	0.00	0.00	0	0.00	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments 6 sqmm	Mtr	0	0	0	0.00	0.00	0.00	0	0.00	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	0	0	0	0.00	0.00	0.00	0	0.00	
	Sub Total		1104373.15					441749.26		1546122.41	
	Add GST 12 % on item no 10 to 15		0.00					0.00		0.00	
	Total		1104373.15					441749.26		1546122.41	
	Fine imposed for non burning of street lights For the period of 01.09.2022 to 31.10.2022 and GPS time violation Penalty for the previous& Present bill		7100.00					3800.00		10900.00	
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material		22087.46					8834.99		30922.45	
	GRAND TOTAL		1075185.69					429114.27		1504299.96	

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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